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ABSTRACT

Designed to investigate the understanding of the linguistic form that connects a clause to another clause or another word, the test contains four sections. The students are instructed to read the first part of a sentence and then choose the answer which best completes that sentence. Each multiple choice item contains the correct answer and three alternative answers. Content validity was established and reliability coefficients ranged from 0.962 to 0.974 for grades 4, 5, and 6, and for these grades combined. [This document is one of those reviewed in The Research Instruments Project (TRIP) monograph "Measures for Research and Evaluation in the English Language Arts," to be published by the Committee on Research of the National Council of Teachers of English in cooperation with the ERIC Clearinghouse on Reading and Communication Skills. A TRIP review which precedes the document lists its category (Reading), title, date, and age range (intermediate), and describes the instrument's purpose and physical characteristics.] (RB)

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S 201 336

Category: Reading

Title: 1. Connectives Reading Test
2. Written Connectives Test

Author: Jean E. Robertson

Age Range: Intermediate

Description of the Instrument (Connectives Reading Test):

Purpose - To investigate the understanding in reading of connectives, the linguistic form that connects a clause to another clause or some word in it on the printed page.

Date of Construction - 1966

Physical Description - From an analysis of three basal readers for grades four, five, and six, 42 connectives were identified, of which seventeen were chosen for further study. Those seventeen were selected on the basis of a) the frequency of occurrence in the basal reader sentences analysed, b) the multiplicity of meanings the connectives have, c) the homographs of the connectives, d) the findings of previously published research, and e) the classes to which the connectives belong. In order to select the test sentence frames in which these connectives were to be embedded, the sentences in which the connectives occurred in the basal readers were analysed. Each sentence was diagrammed according to three basic parts - the noun phrase, the verb phrase, the sentence modifier, which in turn were analysed in further detail. Patterns for the test sentences emerged in different ways. The position of the clause was one

of the first unique features of the sentence patterns to be revealed. There was also the use of a particular structural feature such as adverb phrase, determiner, tenses, negatives, an object or a complement which filled out a sentence pattern. In many instances clearly defined patterns did emerge and although no exacting and binding measures could be applied to their identification and formulation, the analysis of the sentences did enable test items to be chosen which were patterned after the sentences which children do read in the readers (p. 100).

One hundred ninety-nine items were piloted and of these, 150 which hovered about a difficulty index of 0.500 were retained for the final test. There are a total of 85 single connective items and 65 multi-connective items. Each multiple choice item contains the correct answer and three alternative answers. Each of the latter were designed to contain a different type of error. The first alternate response uses the connective correctly giving the smooth transition of meaning to the sentence as the correct answer but it incorporates a grammatical error of some type. The second alternative answer also endeavours to use the connective correctly but the situation expressed in that part of the clause following the connective is wrong. The third alternative answer is predicated on the use of an entirely different connective than the one being tested in the item. A vocabulary control was imposed by using only the first 5000 words from the Thorndike and Lorge List, placing the grade level of difficulty at approximately minipoint in grade five.

The students are instructed to read the first part and then to choose the answer which best completes that part.

The dog ran around the house before _____

- a) was built of wood
- b) the men even seen him
- c) they lifted it out of the sea
- d) the cat could scratch him

Validity, Reliability, and Normative Data:

Normative data were obtained from 402 subjects (134 in each of grades four, five, and six. The means for these grades respectively, were 85.45, 98.75, and 113.10. Content validity was established for the test since the connectives and the sentences in which they were tested were found in the basal readers analysed. The Kuder Richardson Formula 20 was used to calculate reliability. Correlation coefficients obtained ranged from 0.962 to 0.974 for grades four, five, and six, and these grades combined.

Description of the Instrument (Written Connectives Test):

Purpose - to assess the ability of children to join ideas together with their own choice of connective.

Physical Description - This is a short test of 20 items in which students are asked to complete sentences by filling in the blanks with one word. The sentences in the first 18 items were taken from those which had not been needed for the main study and which had been

shown to be both reliable and valid in the pilot study. The last two sentences are part of the Minkus Completion Test in the Revised Stanford-Binet Intelligence Test, 1957 Edition.

Each item consists of a sentence in which a blank is left where the connective should have been. The children are instructed to select one word which they felt would best fill in the space.

E.g. "He'll plant the field with a machine _____ drops the seeds into the ground," Jack explained to the boys.

Ordering Information:

EDRS

Related Documents:

Robertson, Jean E. An Investigation of Pupil Understanding of Connectives in Reading. Unpublished Doctoral Dissertation, The University of Alberta, Edmonton, 1966.

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Jean E. Robertson

"The Connectives Reading Test"

"The Written Connectives Test"

1966

APPENDIX A

THE CONNECTIVES READING TEST

READING TEST
PART ONE

GENERAL DIRECTIONS

This is a test of some of the understandings you have been developing ever since you first entered school. You should take the test in the same way that you would work on any new and interesting assignment. Here are a few suggestions which will help you to earn your best score:

1. Make sure you understand the test directions before you begin working. You may ask questions about any part of the directions you do not understand.
2. You will make the best score by answering every question because your score is the number of correct answers you mark. Therefore, you should work carefully but not spend too much time on any one question. If a question seems to be too difficult, make the most careful guess you can, rather than waste time puzzling over it.
3. If you finish before time is called, go back and spend more time on those questions about which you were most doubtful.

DIRECTIONS FOR PART ONE

Each of the parts of this test is followed by four suggested answers. You are to decide which one of these answers you should choose. CHOOSE THE ANSWER WHICH YOU THINK IS THE BEST.

You must mark all of your answers on the separate answer sheet you have been given; this test booklet should not be marked in any way. You must mark your answer sheet by blackening the space having the same letter as the answer you have chosen. For example:

- 0 The dog ran around the house before -----

- a. was built of wood
 - b. the men ever seen him
 - c. they lifted it out of the sea
 - d. the cat could scratch him

READING TEST
PART ONE

1. The clock showed that -----.
 - a. time supper was
 - b. the race had taken one minute and fifty-six seconds
 - c. the players had dressed in red and white uniforms
 - d. the girl never will ran for two hours and thirty minutes
2. When -----, Tony travelled twelve miles to study.
 - a. the teacher will open the school for lessons
 - b. the measles kept him in the house
 - c. the teacher began lessons in the school
 - d. his father opened his box for the mail
3. He works harder than any of us, yet -----.
 - a. surprises all the students
 - b. he explains, 'I enjoy my sleep all day and I never think of it as play.'
 - c. he says, 'I never worked a day in my life and I never will!'
 - d. he explains, 'I like to carve the geese out of wood every day and I always willing.'
4. "It's where -----," exclaimed the farmer loudly.
 - a. the new cows from the barn goes
 - b. the old bell near the barn stops ringing
 - c. the fat cattle in the field will lay eggs
 - d. the young horses in the pasture will stay
5. He won the fight but he knew he might have lost it if Jerry had been bigger. However, -----.
 - a. all will be bad tomorrow
 - b. all's well that ends well
 - c. all's black that got the hit
 - d. all's ending that are well
6. Now we have a new factory but ----- and the blast furnace is cold and silent.
 - a. there will have been no chimney
 - b. has many rooms
 - c. there is no fuel
 - d. there is no snow
7. The picture was brought from an old cave and -----.
 - a. the boys who discovered it liked
 - b. the only one who knows it is this friend of ours
 - c. many people who read like this kind of story
 - d. the only one who knows them is this friend of ours
8. This time Nancy ran across the bridge, and -----.
 - a. fifteen girls cheered her
 - b. had deliver the message
 - c. the flood had damaged
 - d. some girls combed their hair

9. The provinces that ----- set Mark thinking about the making of history.
- a. were being linked to their cousins
 - b. towns were being linked by the railway
 - c. could have been linking by the railway
 - d. were being linked by the railway
10. "Did you finish your spelling?" said the teacher to the little boys who -----.
- a. because they put their pencils down on their desks
 - b. sisters were teasing them about their spelling
 - c. were writing some words on their papers
 - d. were racing down the hill on the wagons
11. It did not move, however, for it weighed four tons, -----.
- a. it was too heavy to lift
 - b. and was pushed around easily
 - c. and were fastening down well
 - d. and was fastened down tightly
12. "Throw it into the lake!" the king commanded. So -----.
- a. they could had thrown the treasure in the water near the shore
 - b. the slaves refused to obey the command
 - c. the slaves dumped the treasure over the side into the water
 - d. they buried the treasure in the cave at sunset
13. The lad was proud, for -----.
- a. is a good thing to be at times
 - b. he carried his own spear every day on his shoulder
 - c. he may lend his spear to his friends every day
 - d. he fell on his face in the mud
14. I tell you ----- that doesn't fly.
- a. I can't wait to tell a story
 - b. I couldn't afford to buy a pig
 - c. I can't afford to buy a plane
 - d. I wouldn't afford to buy a plane
15. Because -----, they could easily get lost in the grass and weeds.
- a. their mother didn't want to lose them
 - b. the baby insects stayed in the trees
 - c. the baby insects was so small
 - d. the baby insects were so small

16. If -----, he can check it.
- he hadn't known the dog was rescued
 - he shall have proved the brown bear was captured
 - he can't learn to shoot
 - he won't believe the brown bear was captured
17. We watched the old house, yet -----.
- we could have missed the car ride
 - there was a mysterious guest
 - we will seen the man there
 - we have not seen him
18. When -----, his payment was barrels of food.
- he will trading furs at the fort
 - my grandfather traded furs during the winter
 - he ate fish out of the river
 - my grandfather refused their food
19. Cows could not be kept and, if -----, her baby was buried with her.
- the boat was lost
 - the baby have no milk
 - a mother died
 - they bought some milk
20. So ----- the riders I have been hearing about.
- will see
 - you are
 - you mailed
 - he is
21. If -----, you'd have lost it in the lake.
- you'll drop the paddle over the side of the boat
 - you'd mended the hole in the boat
 - you'd milked the cow in that barn
 - you'd gone swimming with the message in your pocket
22. He enjoyed living with the tramps. Yet in his heart -----
- he knew that this life was only for those who were born to it
 - she knew that the songs were for all who liked them
 - he knew that he disliked those who climbed mountains before breakfast
 - he liked very much
23. The young animals in their burrows were protected so -----
- the older ones all went out to roast corn around a fire
 - the night raiders they often tried to squeeze into the burrow
 - the sun sank in the west
 - they had little to dread from the night raiders

24. For days, the boys who ----- talked about the goal that won the prize.
- had fed the bears
 - was a purse of money
 - had seen the game
 - friends had seen the game
25. "These seven women are not the only nurses -----!" Explained Mrs. Brown.
- uniforms were splattered with ink
 - the printer needs for the press
 - the hospital needs for the sick
 - the doctors have been asked for help
26. "She won't be able to catch the fish if -----," replied Grandfather.
- she may fool us
 - she washes the sand out of her hair
 - it will jumps out of the boat
 - she loses the hook on her line
27. Although -----, he bought one from the man at the market.
- he knew where he could borrow a lamp
 - only they knew where he had gone fishing
 - they said to him where the lamps were on sale
 - he found the lamp where she will hide it
28. "Show me the prize and -----," answered Roger happily.
- let me start to pass around the candy
 - let me discover it
 - you received yesterday from your teacher
 - let me start to passing the candy around
29. His father did not know that they had heard a lost lamb, and they could not search for it because -----.
- they could leave the flock
 - they were guarding the flock in the valley
 - when he left the flock in the valley
 - they were sleeping in their beds
30. He carried the dog to the house where -----.
- Joan was waiting to nurse him
 - they were too sick to helping him
 - they were climbing the hill
 - the train had run over him
31. "The men are not the only soldiers -----!" replied Captain Young.
- they train for the sea
 - we had have sent into the army
 - guns are loaded
 - we train for the battle

32. To Bruce the spear looked beautiful, and -----.
- he decided he had bought it
 - he promised himself he would ask for one
 - when he decided he would buy it
 - he reminded himself he could row his boat
33. Her father would not know that she had closed the door of the chicken house, and they could not see the door because -----.
- the chicken house was almost hidden behind the barn
 - the hen house wasn't front of the barn
 - they walked toward it
 - the chicken house had just been painted red
34. Next month the men will visit the factories in other countries which -----.
- workers have begun to make toys
 - has begun to make cars
 - make clouds for the sky
 - make toys for the children
35. Bill headed straight for the mine and wished that he could drive up to the site where -----.
- are the captain and his men rescuing the miners
 - had trapped the miners
 - the captain and his men were rescuing the miners
 - the captain and his men were flying from the arctic
36. The two sailors were both tired. Yet -----.
- the captain have had to give them a lot of work
 - the big dogs still wanted to eat more meat
 - they both wanted to go to bed early
 - each one still wanted to finish his work
37. If the speed of the plane is three hundred miles an hour, however, -----.
- how high would it go in two hours
 - he had arrived in time
 - he could arrive by train
 - he might arrive in time
38. One of the girls wore a coat -----.
- the night chilled them to the bone
 - she has sent to her cousin
 - she might make for herself
 - her mother had sewed for her

39. When the boat moves out of the range of an English station, it will come into the range of an American station immediately. Thus -----
-----,
- a. the radio operators may lose contact through bad weather
 - b. a vessel can lose a passenger over the side very easily
 - c. a vessel can remain in contact with land for its entire voyage
 - d. a boat has had in touch with people all the time
40. Jim pulled the emergency cord four times, but -----
-----,
- a. the train only slowed down for a minute
 - b. wasn't often enough for the engineer
 - c. the engineer has only laughs at him
 - d. the horse only ran faster
41. The horses can follow the criminal who takes to the hills where -----
-----,
- a. cars cannot follow him
 - b. have many hiding places
 - c. he can live in the clouds
 - d. the police could not of found him
42. I am sure -----,
- a. he tells me is the truth
 - b. listen because your father would like you to read all the books you can
 - c. your father would like you to get all the education you can
 - d. your dog would beg you to bring all the cat food you can
43. Never once did the young man miss a game, yet -----
----- that he had to be helped to play.
- a. quite often, he was so far away
 - b. did he tell his family
 - c. he will be so sick often
 - d. at times, he was so lame
44. The two clubs were both interesting. Yet -----
-----,
- a. the third club had lost its members
 - b. each driver still wanted to have his own license plates
 - c. each leaders wanted to teach different sports
 - d. each club wanted to learn a different craft
45. The reason the other girls had chosen her captain was that -----
-----,
- a. she had won so many of the games
 - b. she had dropped so many of the eggs
 - c. he works so hard on the team
 - d. they were arguing about

46. But by this time each boy knew quite a bit about the farm because -----
-----.
- a. he will study many books about animals
 - b. has some fine cattle in the fields
 - c. he had been a good swimmer for a long time
 - d. he had been a regular visitor to the barn
47. "You need not drive so wildly, John," Bill cautioned. But -----
-----,
- a. he will added, "Get us there"
 - b. the girls added, "Eat more"
 - c. he added, "It's dangerous"
 - d. Mary and Helen cried, "Go faster"
48. They were chased by the largest seals -----,
- a. the ice had broken
 - b. the men may of seen
 - c. the Indians had seen
 - d. the hunt had ended
49. Bob had always fought seals from his boat. He left it, however, -----
-----,
- a. he could kill the wounded seal on the ice
 - b. and picked flowers in the field near the city
 - c. and rushed along the ice toward the wounded seal
 - d. and rushing along the ice toward the wounded seal
50. But she cooled the potatoes and meat on his stove so -----
-----,
- a. she could fly
 - b. she have eaten
 - c. is very hot
 - d. she could help him

READING TEST

PART TWO

DIRECTIONS FOR PART TWO

Part Two contains the same kind of material as Part One. Mark your answers in the same way.

READING TEST

51. "I don't mind the pain if -----," said Joe.
- a. the hail ruins the crops
 - b. hurts my arm so much
 - c. he are going to the hospital
 - d. I can go to the game
52. Henry and Joan were tired too, for, if they did not hold the cart, -----
- a. their father did
 - b. the cart tipped
 - c. they tipped
 - d. their father slept
53. When -----, she realized that the animal had been hurt.
- a. she hadn't seen the accident
 - b. the boys have brought their friend's monkey
 - c. she dug up her mother's potatoes
 - d. the man put down his son's monkey
54. But travelling can be an unhappy adventure, if -----.
- a. makes everyone sad
 - b. the road are good
 - c. everyone keeps smiling
 - d. someone keeps complaining
55. The batter had never been struck out in a ball game. On the last powerful pitch, however, -----.
- a. he made a home run
 - b. they will miss the ball again
 - c. he missed the ball
 - d. he swam over the line
56. His quiet thirty-five-year-old companion, who walked with a limp because -----, was Arthur Brown, an expert in flying.
- a. she had been hurt in the world war
 - b. his left leg had been injured in a plane crash
 - c. he had been asked about the air force
 - d. he had learned to fly
57. If -----, the man would have been afraid.
- a. the seal had left the fish on the ice from which the man was fishing
 - b. the seal's nose had bumped against the boat in which the man was sitting
 - c. the seal was sleeping on a cake of ice far away from the boat in which the man was sitting
 - d. the seal's body had hitting against a boat in which a man was rowing.

58. This great doctor was regarded as a miracle worker by all who -----
-----,
- a. watched him cut the grass
 - b. he healed them in the hospital
 - c. heard him lecture about his work
 - d. children had been sick during the year
59. Then she asked, "Is there anything-----?"
- a. I go for supper
 - b. I can do for your
 - c. I can think for you
 - d. I can do for you
60. During the day the ladies who ----- won a prize
that pleased them.
- a. sells the cakes
 - b. they met the judge
 - c. baked the pies
 - d. were watching the stars
61. The treasure is well hidden where -----,
- a. no one else can find it
 - b. everyone can hear it
 - c. the sailors are not able to find our map
 - d. no one will look for them
62. "It's where -----," called Jim cheerfully.
- a. the new students at the school begins
 - b. the busy workers at the fair get off
 - c. my new pennies from the bank paid for
 - d. the tiny fish serve cakes
63. They didn't paint much today because -----,
- a. when they spill the paint
 - b. we haven't seen all of it
 - c. they can hire a painter
 - d. they like the rainbow
64. "You need not hold the reins so tightly, Jane," he cried. But -----
-----,
- a. he added, "Later on."
 - b. Betty and Anne added, "Read faster."
 - c. he added, "Help we later."
 - d. Betty and Anne shouted, "Hold on tighter."

65. The knights used the sword that -----.
- blade cut the old dragon in the head during the fight
 - sliced the potatoes for the food in the kitchen
 - can wounds the old dragon in the head during the fight
 - slayed the old dragon in the cave near the sea
66. "Just imagine, Sir Tony," said Billy, stroking his pony's neck, "on our way to the coast we'll see the prairies where -----."
- stretch for many miles
 - cattles were living by the hundreds
 - the knives cut through the cloth
 - cows roam by the thousands.
67. The reason the boy had kept himself strong was that -----.
- he wanted to show us
 - he wanted to carry his boxes alone
 - he had seen so many stores recently
 - it had lifted many of the weights before
68. George gazed along the mountain top and hoped that he could crawl up to the place where -----.
- sheltered Jim and the lamb
 - Jim and the lamb were awaiting rescue
 - Jack and his friends were riding in the airplane
 - Jim and the lamb had awaiting rescue
69. The funny acts of the elephants are not forgotten. Thus -----.
- those who climbs the pole are still giving thrills to many people
 - the bears who just sit in their cages are not forgotten either
 - those who travel in canoes still keep their paddles in good condition
 - the one who sprayed the water is still giving laughs to many children.
70. "I will keep my mind on my lessons during school," thought Anne, for -----.
- they wanted to learn about plants for their garden
 - she was baking cookies for the boys
 - she tried to think of a way of missing some classes
 - she wanted to get skates for making good marks
71. Although -----, his main concern was making money.
- Dr. Smith will begin his work in the morning
 - Dr. Smith played with his toys in the garden
 - Ernest did in the stores during the week
 - Ernest had great love for sports

72. "Seals don't usually eat fish the fishermen need. And -----
-----," replied Tom.
- a. fishing has been good around here lately
 - b. when fishing has been poor
 - c. swimming has been good around here lately
 - d. they has found many fish every day
73. Although -----, he finally captured the princess.
- a. he had look for her in the forest
 - b. after he fought the battle
 - c. the dragon had to fight many battles during the week
 - d. the dragon had no food for breakfast
74. Anyway you can't ride my horse either because -----.
- a. you learn to drive my car
 - b. he has hurted his foot
 - c. you like to paint too
 - d. you were talking about me
75. The tiny boat was much too small for them, but, if it had been a launch,
-----.
- a. they would not had been able to buy it
 - b. they could not have enjoyed it more
 - c. he could not have planted his garden
 - d. did not have any sails
76. Jane usually remembered the bridge across the creek. She forgot about it,
however, -----.
- a. and waded across the flooding creek to the other side
 - b. would she get across the creek to the other side
 - c. and sat down on it to fish
 - d. and tried to jumps across the creek to the opposite bank
77. A few of the bears ate fish -----.
- a. the animals had caught with spears
 - b. none of them ate leaves from the trees
 - c. the child have thrown to her
 - d. the boys had bought for them
78. All the time the man looked for the donkey, and -----
-----.
- a. he searched every hat box
 - b. the man had stolen
 - c. his thoughts was sad
 - d. his heart was heavy

79. Then Paul asked, "Who built the factory that -----
-----?"
- a. I saw in the mud on the road
 - b. I seen from my window today
 - c. I work every day with my friends
 - d. I passed on my way to school
80. Although Dorothy liked saying her poems, she wondered if she could entertain a large audience all by herself. But -----
- a. she never thinks of the time when she prepare
 - b. she never thought of not going when she was invited
 - c. she never thought of locking the door when she left the house
 - d. because they never thought of speaking when she was speaking
81. You will find that there is an editorial about words that -----
-----.
- a. taking on new meaning in the space age
 - b. are stored in boxes in the arctic
 - c. none of them is new to us
 - d. have taken on new meaning in the space age
82. I could see that Jerry wasn't going to open the window. But -----
-----.
- a. we had known that he is trying it
 - b. I knew that I would knit my gloves
 - c. I knew that I could do it
 - d. when he took the ladder that I had borrowed
83. "There," said the man, "is a winged horse for princes that -----
-----."
- a. have to fight with monsters
 - b. want to shine their shoes
 - c. have to fight with many monster
 - d. mail must be delivered quickly
84. But the stories always tell a little about the circus because -----
-----.
- a. it is an interesting show for everyone
 - b. has some interesting acts for the children
 - c. they are all about picnics
 - d. it are an exciting event for the children
85. "Making a musical record would not be accepted by the radio station," said Mr. Jones thoughtfully. "But -----."
- a. you would have a record of your voice
 - b. when you think of an idea
 - c. you have shown your skill in sewing
 - d. I must thinks of something else for you

86. But the medicine which -----cost Dr. Jones much money.
- it helped the pain
 - he had to build of wood
 - was hard getting for his patients
 - he had to give his patients
87. When they squeeze through the bars of the gate, they will come into the presence of the king. Thus -----.
- the boys may stand before the king of the giants in his castle
 - the girls has seen the king of the ants in his castle
 - the children can roast their corn around the fire on the picnic
 - we cannot be sure they will see the king
88. Although -----, Walter could see that his eyes were closed.
- he had looked at the boy's feet for a second
 - the boy's cap have been taken away from his eyes
 - when he had taken off the boy's cap
 - the boy's eyes were shaded by a fur cap
89. "I've painted nothing yet," Mary said to her teacher, "so -----."
- I don't see very well
 - I can't delay any longer
 - He didn't scolds her
 - makes me very sad
90. The palace guard arrived when -----.
- the children had went away on a picnic
 - the princess was playing in the garden with her ball
 - they couldn't come to the place
 - did the princess play in the garden with her ball
91. If -----, he will tear it to pieces.
- the bear leaves the coat
 - the bear reaches the coat with his paws
 - the bear scratches at the tent with his claws
 - the bear doesn't see the coat
92. You will remember that there is a rule for horse races for everybody that -----.
- when they begin the race
 - has a dish of pudding for supper
 - did entered young colts
 - enters young colts

93. "I've built nothing yet," Ben replied in a disgusted tone, "so-----
-----."
- a. the weather is too bad
 - b. I won't try anymore
 - c. I don't peel potatoes well
 - d. they won't get helping
94. When -----, she said that the song should be changed.
- a. the child heard the man song
 - b. she was singing the man's song
 - c. the teacher heard the man's song
 - d. she hadn't heard it
95. "Why do you always have to do exercises in the morning?" Peter questioned quietly. "Because -----," Aunt Rose replied, amused at Peter's words.
- a. your uncle is worries about my weight
 - b. your uncle teases me about my weight
 - c. else could I do to lose weight
 - d. your uncle needs to lose weight
96. Aunt Mary had rented the brick house three times, but -----
-----.
- a. because she needed the money next week
 - b. every family had moved out within a week
 - c. everybody likes to walk
 - d. she has moved in her selves
97. The shadows had deepened when -----.
- a. Philip found the trail up the cliff
 - b. the rain was falling on the forest
 - c. Philip may lose the trail up the cliff
 - d. the trails meet halfway up the cliff
98. "Do you want the kitten?" said the man to the small girls who -----
-----.
- a. were rowing on the lake alone
 - b. they picked it up from the box
 - c. were looking at it in the box
 - d. had watching the animals in the store
99. If -----, she could rent it.
- a. she proved the man's question was answered
 - b. she didn't the brick house was haunted
 - c. when she asked the old house be torn down
 - d. she didn't believe the brick house was haunted.
100. "There's your father's rifle," Jack's mother would say when -----
-----," and before long Jack would be home with a rabbit.
- a. meat was scarce
 - b. the gun was missing
 - c. she wanted eggs
 - d. they wants meat

READING TEST
PART THREE

GENERAL DIRECTIONS

This is a test of some of the understandings you have been developing ever since you first entered school. You should take the test in the same way that you would work on any new and interesting assignment. Here are a few suggestions which will help you to earn your best score:

1. Make sure you understand the test directions before you begin working. You may ask questions about any part of the directions you do not understand.
2. You will make your best score by answering every question because your score is the number of correct answers you mark. Therefore, you should work carefully but not spend too much time on any one question. If a question seems to be too difficult, make the most careful guess you can, rather than waste time puzzling over it.
3. If you finish before time is called, go back and spend more time on those questions about which you were most doubtful.

DIRECTIONS FOR PART THREE

Each of the parts of this test is followed by four suggested answers. You are to decide which one of these answers you should choose.

You must mark all of your answers on the separate answer sheet you have been given; this test booklet should not be marked in any way. You must mark your answer sheet by blackening the space having the same letter as the answer you have chosen. For example:

- 0 The man will not climb into the boat until -----
-----,
- a. they decides to go rowing
 - b. he wants to go fishing
 - c. it begins to sink
 - d. he doesn't like to fish

READING TEST

101. Now he suspected that in giving to him the new plow which -----
-----, the men had tricked him.
- a. will need some gasoline to running it
 - b. was the poor farmer to do
 - c. mixed cement for the sidewalks
 - d. required another machine to pull it
102. When they play their trumpets in front of the tomb of their leader,
they will remove the curse from the people of the land. Thus -----
-----.
- a. who have lived in sadness for many years
 - b. the football team could bring back the prize for the school
 - c. the musicians can rejoice with the people of the country
 - d. the musicians gives joy to the people of the land
103. Collecting natural objects is good, for ----- and the
specimens cost you nothing.
- a. when the weather is nice
 - b. it takes one out of doors
 - c. it gives one too much food
 - d. it can gives one much fun
104. The hunters tramped the woods all day in vain. For -----
-----.
- a. not one pound had been added to the baby's weight
 - b. darkness fell over the woods that night
 - c. some rabbits were caught by the hunters the next day
 - d. not one rabbit had been seen in the area
105. Although -----, he saw that there were three
small rivers in the valley.
- a. he had not gotting to climb the mountain
 - b. when he looked at the pictures
 - c. Peter could not find the lakes
 - d. Peter had fed three bears
106. "Listen to his story," the father said. So -----.
- a. the man dug up the carrots in the garden
 - b. the man did not hear him above the noise
 - c. the miner told the family about the fire in the mine
 - d. he had told them all about his adventures on the sea
107. At last he said with a sigh, "I cannot refuse to answer your question
although -----."
- a. I would prefer not to have more questions from those who have
already spoken
 - b. you have cooked a meal for those who have not already eaten
 - c. you has come to bring some help to those who have already asked
 - d. can be very helpful for those who are listening

108. They went back to the cage where -----.
- the monkeys will have trying to catch the peanuts
 - was open to receive the tiger
 - the tiger was waiting to devour his dinner
 - the snow was beginning to cover the mountains
109. The machine dragged the heavy plow that -----.
- could breaks up the big pieces of earth for the seeds
 - breaks up the big pieces of earth for the seeds
 - threaded the needle for the lady
 - steel teeth dig up the earth for the farmers
110. "Why are you poor at golf?" he asked angrily. Because -----
-----," Dan retorted, hurt by Will's words.
- you teases me during the game
 - is my favorite game
 - I hit my ball too hard
 - I am baking apple pie for supper
111. "Carrying baby insects on her back would not be easy for their mother,"
explained the teacher carefully. "But -----."
- she could moved as easily as before
 - she wrote on the blackboard as neatly as before
 - when she hunted for food daily
 - she could move as quickly as required
112. He found the place in the cave where -----.
- is the money now
 - the forest was growing
 - the money was hidden
 - the lions was sleeping
113. The brave deed of the fighter is not forgotten. Thus -----
-----,
- the knight who fought with his friends are helping to bring peace to the country
 - many people who picked strawberries will be eating them for supper
 - the soldier who died for his country is still helping to bring peace to a troubled world
 - the fighters who died for their countries are forgotten

114. "Oh, I'll bet he bought a football. And -----,"
said Bob.
- a. I'll bet he'd buy a new baseball if he could
 - b. I'll bet he is got a new baseball if he can find it
 - c. I'll bet he bought a big button for his coat
 - d. many people believed he'd do if he wanted to
115. Bobby and the man went to the mail box first, for -----
----- which Bobby's mother had just written.
- a. they had brought a letter with them
 - b. they were carrying a kitten in their arms
 - c. they were writing a shopping list on the letter
 - d. they were carried a parcel with them
116. "I will carry the rug to the market in the city," said Bob, for -----
-----.
- a. he had to ask for help in lifting it
 - b. he wanted to have some meat for dinner
 - c. he wanted to have a part in selling it
 - d. he wanted to be some help in takings it
117. Your teacher saw you were on board when -----.
- a. the steamer started down the river
 - b. the boat is leaving the pier
 - c. he talked to you on land
 - d. did the steamer start down the river
118. He delayed the other men, yet -----.
- a. feet were not sore
 - b. they could not leave him
 - c. they could not eat his cake
 - d. he had not frozed his feet
119. "You'll know this fish by the fins which -----," Jim
explained to the children.
- a. tails stick up out of the water
 - b. stick up out of the water
 - c. horses never have at all
 - d. cutting through the water
120. The pig had never been penned up before. In one last desperate dive,
however, -----.
- a. Peter was able to swim
 - b. he was able to caught him
 - c. Peter was able to box him up
 - d. because he wanted to go home

121. Although -----, they knew that there were two kinds of cake on the table under the tree.
- a. they liked cakes
 - b. the boys has seen the food
 - c. the boys did not see the food
 - d. the lady threaded the needle
122. Then he asked, "Who took the old lamp that -----?"
- a. I lit in the bucket of water
 - b. I left in the hall of the golden windows
 - c. they could had bought from the man at the lake
 - d. light shone in the room across the hall
123. We can cook everything that ----- and enjoy it.
- a. the canoe arrives
 - b. we has planned
 - c. the car hits
 - d. you can cook
124. The cowboys told the story that -----.
- a. they was shown a wild horse that they couldn't catch
 - b. picture showed the horse that they couldn't ride
 - c. they had been given a wild horse that they couldn't ride
 - d. they had roped a big house that they couldn't use
125. He did not leave his post and he was shot by an arrow which -----.
- a. was made of glass
 - b. had shot from below
 - c. sped from a hostile bow
 - d. tip stuck in his back
126. It was my favorite aunt who -----.
- a. send me a football on my birthday
 - b. gave me the present on my birthday
 - c. never was nice to me
 - d. present surprised me on my birthday
127. Never once did the airplanes hit the trees, yet ----- that the pilot had to be ordered to fly above the clouds.
- a. now and then the whistle blew so loud
 - b. were always so green
 - c. quite often, the citizens was so afraid
 - d. at times, they were so close

128. But they cleaned the grass and dirt from his mask so -----
-----,
a. he could do it
b. she could see
c. he had to think
d. he could see
129. Next day Jane will bring the drum of wood on which -----
-----,
a. she eats for lunch
b. sounds made wonderful music
c. he is listened to her song
d. she beats with her hands
130. But the horse on which ----- gave the boys much
trouble.
a. back they wanted to fasten their saddle
b. they curled their hair
c. they wanted to fasten their saddle
d. they are wanted to ride
131. Jean was sure that her father, although -----,
knew about her dog's good behavior.
a. he had not be watching her pet
b. he opened the tin of soup
c. he said so
d. he said nothing
132. "That," said dad, "is a wonderful machine for animals that -----
-----,"
a. have to kills the flies
b. tails are cut too short
c. like to keep away from flies
d. want to make fresh tea
133. He was thinking that anyone who ----- couldn't
be a poor artist.
a. could paint that scene
b. have drawn that picture
c. could cut that grass
d. hands could paint that scene
134. He did not speak, however, for he tried five times, -----
-----,
a. and could of spoken clearly
b. and could have used his shovel
c. and he could not open his mouth
d. is too often

135. It was the wounded pilot who -----,
a. sowed his field with wheat
b. flew us through the storm
c. brought we from the airport
d. plane rescued us from the island
136. "Well, you left the lunch dishes on the table," said Jack, "so -----
----- I would wash them."
a. what
b. you has thought
c. I laughed
d. I thought
137. "Start that car and -----," said the man proudly.
a. you just bought from the store
b. watch me fly through the trees
c. got to work on this business
d. watch me fly up this hill
138. The last days of Captain Scott are not forgotten. Thus -----
-----,
a. the last days of other men who has died in the arctic are never
forgotten either
b. Captain Scott froze to death is a distressing story
c. the last child who is standing in the line will get a candy
d. this man who died in the arctic is still helping to give
courage to many children
139. Many workers in the camp wanted to bet on the horse, although -----
-----,
a. they been considering the horse an animal of speed
b. was a marvellous racing pony
c. some men considered it a waste of money
d. the dogs ran around the house a lot of times
140. The teacher taught them that -----,
a. the first radio could appear about one thousand years ago
b. the first wheel appeared about two thousand and fifty
years ago
c. all the students should sleep during his lessons
d. was in the volcano
141. Mary and her mother went to the rug market first, for -----
----- which Mary's father had just given them to sell.
a. they had brought a rug with them
b. they really wanted to wash the car
c. they were making pies for the store
d. they was carrying rugs with them

142. He returned to the well where -----.
- a. was beginning to give water
 - b. he had hope to drink the water
 - c. the men were shooting seals
 - d. the horse was coming to drink water
143. Jimmy looked at the house and he knew that -----.
- a. he had to buy a shovel
 - b. it had burned to the ground tomorrow
 - c. it belonged to his Aunt Mary now
 - d. the trouble was
144. "He'll answer the questions from the letters which -----
-----," Miss Smith told the pupils.
- a. was written in many countries
 - b. writers live all over the world
 - c. were hidden in boxes
 - d. came from all over the world
145. "I don't need the two presents my father bought. And -----
-----," cried Ruth.
- a. giving them away are good for me this Christmas
 - b. giving them away will be fun for me this Christmas
 - c. chasing the cats away is hard for an old lady
 - d. when giving has been fun for me this Christmas
146. "Won't you have something that ----- if you win?"
he asked at last.
- a. value is great
 - b. you could shown
 - c. breaks your heart
 - d. proves your victory
147. The fish was hungry, for -----.
- a. it took the bait with the first snap
 - b. it did ate the worms without a second look
 - c. it would not eat the bait
 - d. it swam through the water very slowly
148. Everyone in our school had to enter the contest, although -----
-----.
- a. he consider the prize a lot of money
 - b. the meat burned the pan black
 - c. offered many wonderful prizes
 - d. I considered it a waste of time

149. They were driven in the biggest car -----.

- a. the men could find
- b. the water had washed
- c. was a beautiful blue
- d. the truck have smashed

150. It may be that your grandfather did not see the picture when -----
-----.

- a. he looked through the magazine
- b. did he look through the magazine
- c. he slept through the night
- d. was finished on Saturday

APPENDIX B

THE WRITTEN CONNECTIVES TEST

READING TEST

PART FOUR

Fill in the blank with the word which you think best completes the sentence. Only put ONE word in each blank space.

Example:

"He'll plant the field with a machine -----
drops the seeds into the ground," Jack explained to the boys.

1. "She can't hear the organ ----- she puts her fingers in her ears," said Bill.
2. They must realize ----- there is a lot of gold here -----
----- will be a great fortune for me.
3. The world did not know ----- a ship could make a long haul,
----- they did not believe it ----- the
steamers devoured such mountains of coal.
4. Never once did he complain about the pain, -----, at times
it was so intense, ----- he had to be helped to dress in
the mornings.
5. The house was covered with water when the river flooded. -----
the furniture was flooded.
6. ----- the soldiers saw the king's grief, they knew -----
----- his daughter must be found.
7. ----- the school at ----- they learned to
play football defeated them many times.
8. Carl paddled straight against the current and hoped -----
he could crawl up to the place ----- Jim and the lamb were
awaiting rescue.
9. Sam laughed ----- Jane tumbled into a mound of wet snow.
10. Anyway we need not carry her at all, ----- they are taking
her by car.
11. They hurried back to the farm ----- Tom was learning to
rope horses.

12. The deer was friendly, ----- he took the bread out of our hands.
13. ----- indignation flooded his heart for a minute, Arthur showed no anger.
14. "Will you catch the rabbit?" called the old men to the boys -----
----- were watching it in the garden.
15. "I've eaten my breakfast," Alice replied in an offended tone," -----
----- I'm not very hungry.
16. "You need not run so fast Bob," she advised. ----- Joe and Howard added, "Run faster."
17. The two children were both ashamed. ----- each child still wanted to have his own way.
18. This time Bill concentrated his attention on the honey, -----
----- the bees became angry.
19. One cannot always be a hero, ----- one can always be a man.
20. The streams are dry ----- there has been little rain.